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DRC-1339 REGISTRATIONS FOR BIRD CONTROL

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Abstract:

DRC-1339 is a slow-acting avicide that was cooperatively developed by the Denver Wildlife Research Center (DWRC) and Ralston Purina beginning in 1963. Purina registered two DRC-1339 products, 1) Starlicide Technical and 2) 1% Starlicide Pellets, in 1967 using data developed by Purina and DWRC. These registrations are still in place today. Because of increasing ADC needs for a more effective way to resolve bird problems, Purina agreed to allow the Animal Damage Control Program (ADC) to register DRC-1339 98% Concentrate to resolve special bird problems that could not be solved by the use of pelleted baits. Bird species of importance to the ADC Program are gulls, starlings, blackbirds, pigeons, crows, ravens and magpies. Gulls cause mortality of other seabirds at coastal seabird breeding colonies. Starlings and blackbirds cause nuisance, contamination, and human health problems at feedlots and at large winter roosts, and damage ripening sunflower, and sprouting and ripening rice. Pigeons damage structures and pose human health hazards. Ravens, crows and magpies cause livestock depredations. Because of declining availability and use of other pesticides for bird control and because DRC-1339 causes few non-target hazards, ADC use of DRC-1339 has increased over the years.

For years APHIS maintained 30 or more Section 24(c) registrations to address the varied ADC needs. Beginning in 1988, maintenance fees and data costs for registrations increased. In 1989 a committee was formed to review the efficacy and non-target hazard information used to support each 24(c) registration, to weed out unsupported uses and to consolidate uses under 4 Federal Section 3 registrations. The 4 registrations are DRC-1339 98% Concentrate - Feedlots, Pigeons, Staging Areas, and Livestock Depredations. Registrations for feedlots, pigeons and livestock depredations have all been approved by the EPA, and the staging area registration is in the final stages of approval. Because not all uses could be supported by existing data, some species, sites or baits were not included in the Section 3 registrations.

The DWRC has provided most of the data to reregister the DRC-1339 technical product and submitted the last of the reregistration data requirements for Starlicide Technical to EPA in June, 1994. Purina will submit a storage stability study in January, 1995 to complete the data requirements. If all of these data are accepted by EPA, the Technical product will be reregistered soon. During Phase 5, data requirements for all of the DRC-1339 and Starlicide end-use products will become due. However, these data requirements should be minimal.